BRUHATH BANGALORE MAHANAGARA PALIKE, DASARAHALLI ZONE
Office of the Executive Engineer
SCHEDULE-B

NAME OF WORK: Improvements to roads and drains at Soundarya Layout in Ward -14, Bagalagunte

Sl. No	Description of work	Unit	Qty	Sanctioned Approved Rates	
				In Figures (Rs.)	In Words (Rs.)
1	2	3	4	5	6
1	Excavation for road, drains and similar works - KSRRB 300-1. Earthwork excavation by manual means in Ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods Complete as per specification and direction of Engineer-in-charge of the work.	Cum	421.60	75.60	Rupees Seventy Five and Sixty Paise Only
2	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous tratement including cost of all materials, labour, HOM of machineries Complete as per specification and direction of Engineer-in-charge of the work.	Sqm	8800.00	3.02	Rupees Three and Two Paise Only
3	Providing and constructing granite / trap / basalt rubble stone masonry in foundation with Cement mortar 1:8, stone hammered dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing Complete as per specification and direction of Engineer-in-charge of the work.	Cum	15.12	3678.48	Rupees Three Thousand Six Hundred Seventy Eight and Forty Eight Paise Only
4	Providing and laying in position plain cement concrete of mix M7.5 with OPC cement @180 kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing Complete as per specification and direction of Engineer-in-charge of the work.	Cum	9.24	4847.04	Rupees Four Thousand Eight Hundred Forty Seven and Four Paise Only
5	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour Complete as per specification and direction of Engineer in-charge of the work.	Sqm	33.60	287.26	Rupees Two Hundred Eighty Seven and Twenty Six Paise Only
6	Providing and laying in position plain cement concrete of mix M1:2:4 with cement @240 kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing Complete as per specification and direction of Engineer-in-charge of the work.	Cum	23.10	5228.98	Rupees Five Thousand Two Hundred Twenty Eight and Ninety Eight Paise Only

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BANGALORE - 560 010

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7	Providing T.M.T steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery Complete as per specification and direction of Engineer-in-charge of the work.	Tonn	2.10	76900.88	Rupees Seventy Six Thousand Nine Hundred and Eighty Eight Paise Only
8	Providing Two line dressing to granite stone slab Complete as per specification and direction of Engineer-in-charge of the work.	Sqm	9.00	851.04	Rupees Eight Hundred Fifty One and Four Paise Only
9	Providing and applying tack coat on Granular base such as WBM and WMM surfaces hot bitumen primed at 10kg per 10sqm, heating bitumen in boiler fitted with spray set (Excluding cleaning of road surface) including cost of all Materials, labour, HOM of machineries Complete as per specification and direction of Engineer-in-charge of the work.	Sqm	704.00	30.35	Rupees Thirty and Thirty Five Paise Only
10	Providing, laying, spreading and compacting graded stone aggregates to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. Specification No. 406 with all leads and lifts etc., Complete as per specification and direction of Engineer-in-charge of the work.	Cum	176.00	1438.56	Rupees One Thousand Four Hundred Thirty Eight and Fifty Six Paise Only
11	Providing and laying semi dense bituminous concrete 25 - 30mm compacted thickness with 5% bitumen with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 5% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled vibratory and ttandem rollers to achieve the desired compaction as per MoRTH specification clause No. 508 complete in all respects with 80 / 100 grade bitumen with all leads and lifts etc., Complete as per specification and direction of Engineer-in-charge of the work.	Cum	285.12	9851.76	Rupees Nine Thousand Eight Hundred Fifty One and Seventy Six Paise Only
12	Carraige of Mixed Materials above 15 Km beyound 10Km to 15 Kmslead Complete as per specification and direction of Engineer-in-charge of the work.	Cum	285.12	67.50	Rupees Sixty Seven and Fifty Paise Only
13	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading Complete as per specification and direction of Engineer-in-charge of the work.	Cum	421.60	78.24	Rupees Seventy Eight and Twenty Four Paise Only

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Executive Engineer,
Dasarahalli Division,